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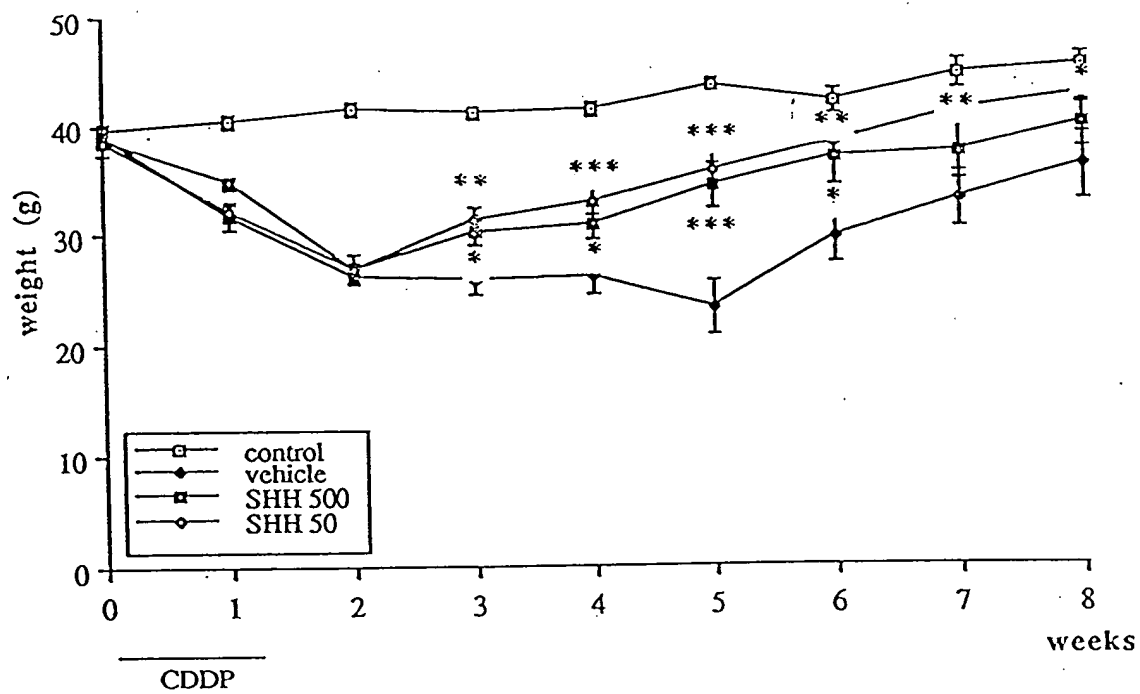
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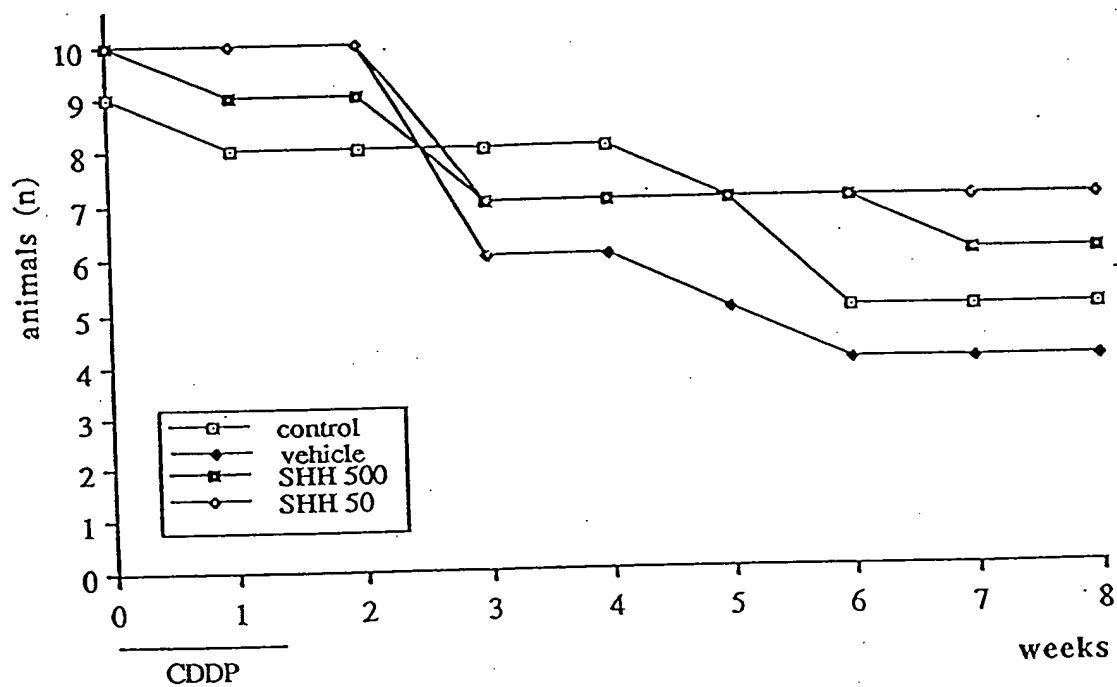
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Figure 1



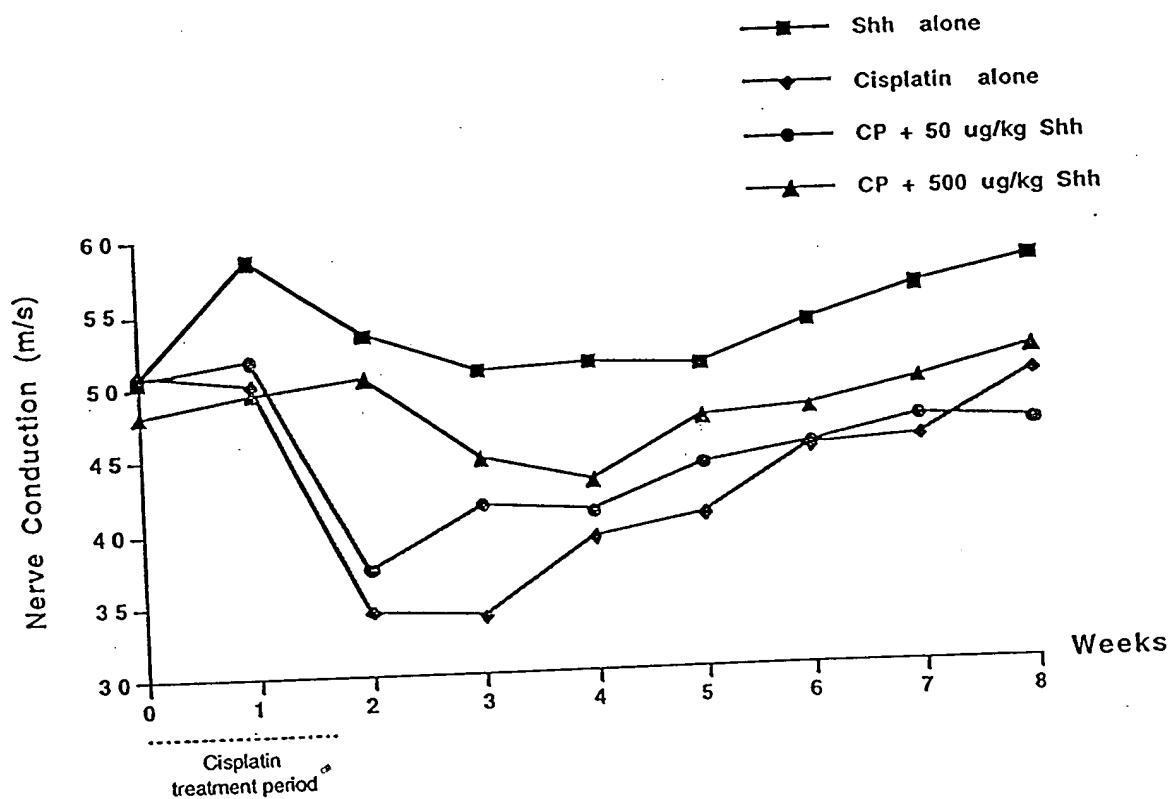
66807-EE/5460

Figure 2



66801-EE-25450

Figure 3



66901-EE25E460

Figure 4

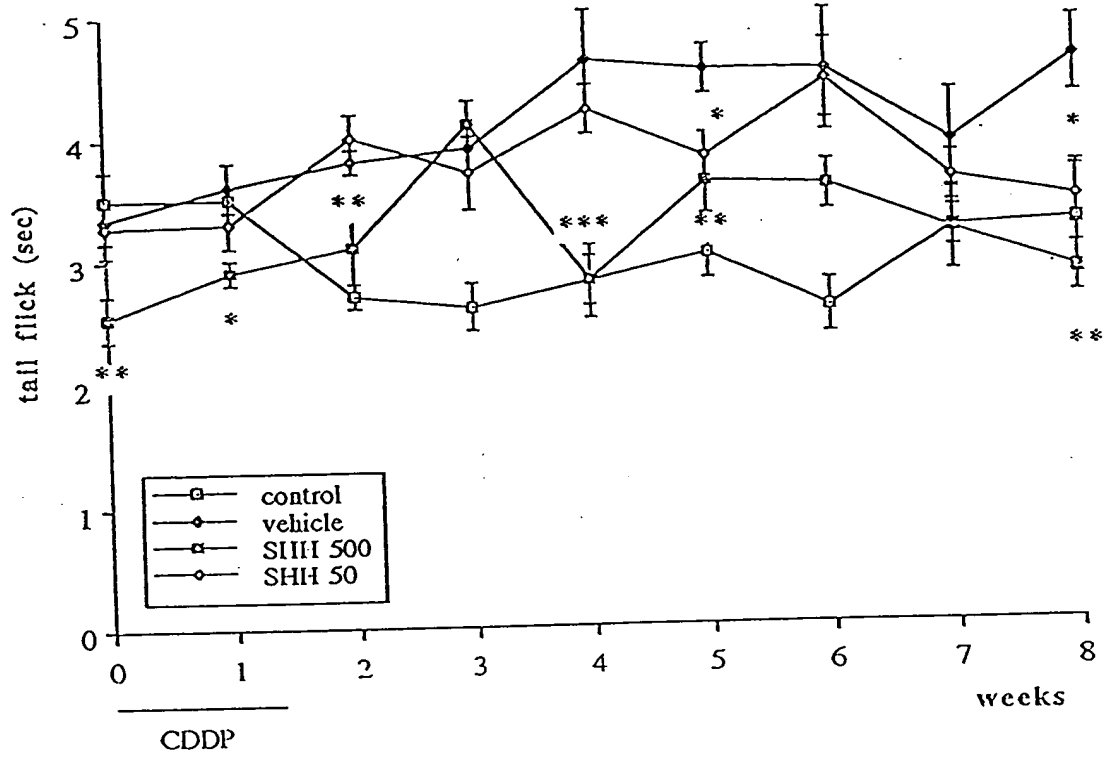


Figure 5

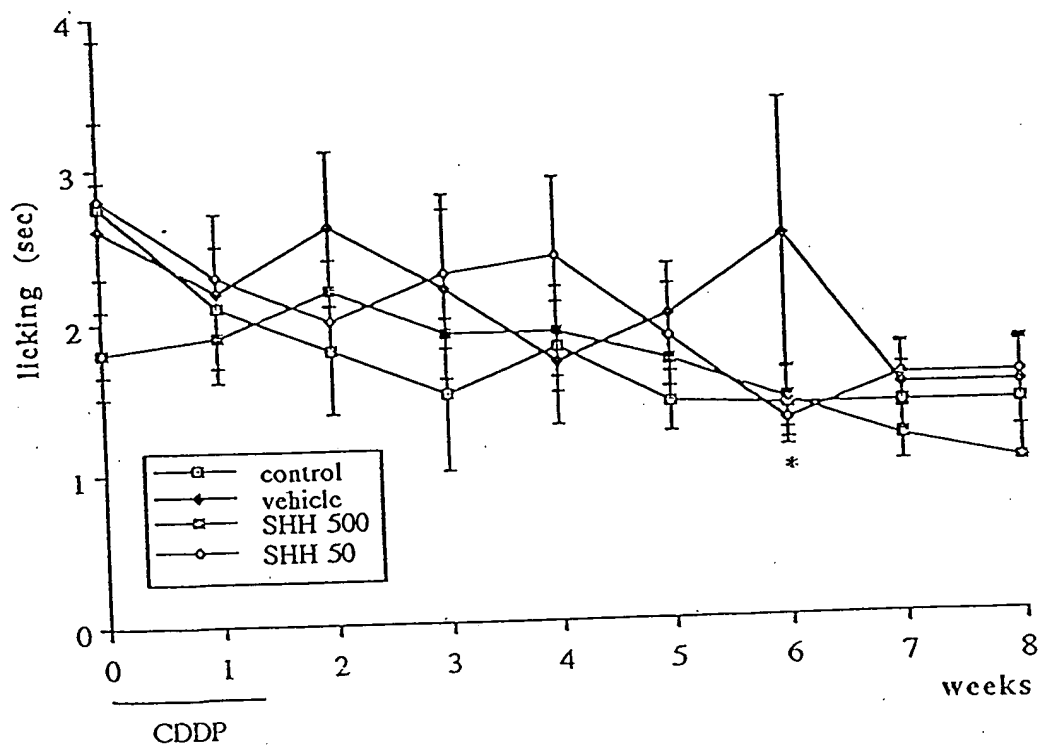


Figure 6

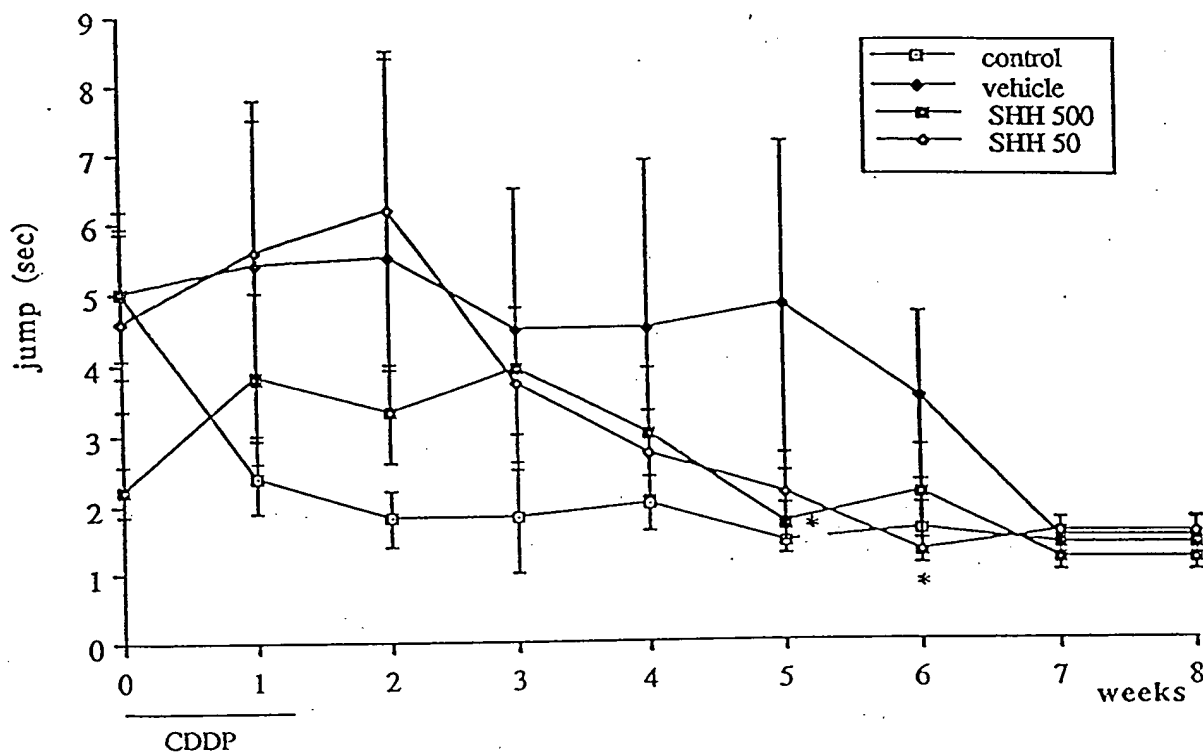


Figure 7

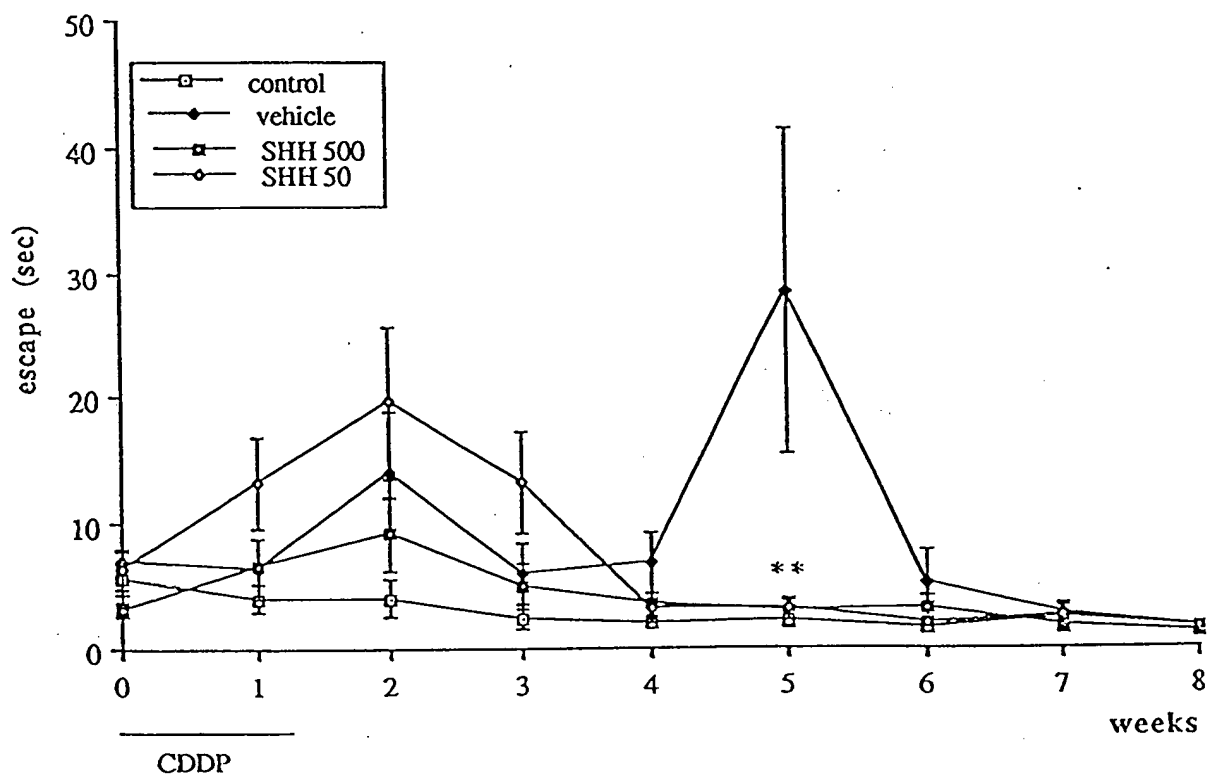
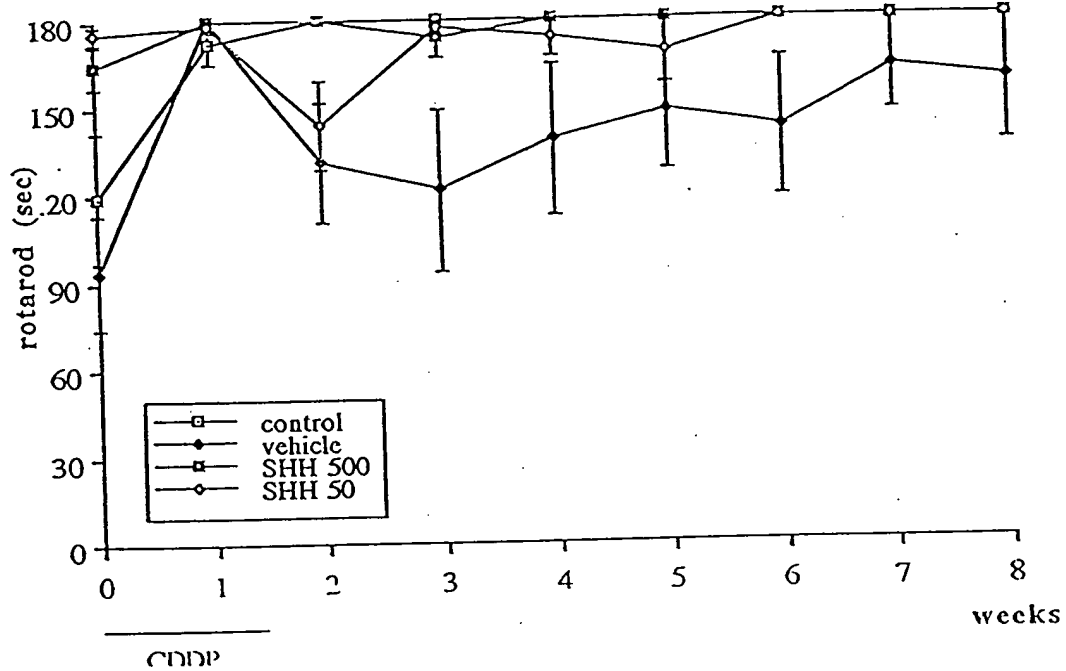
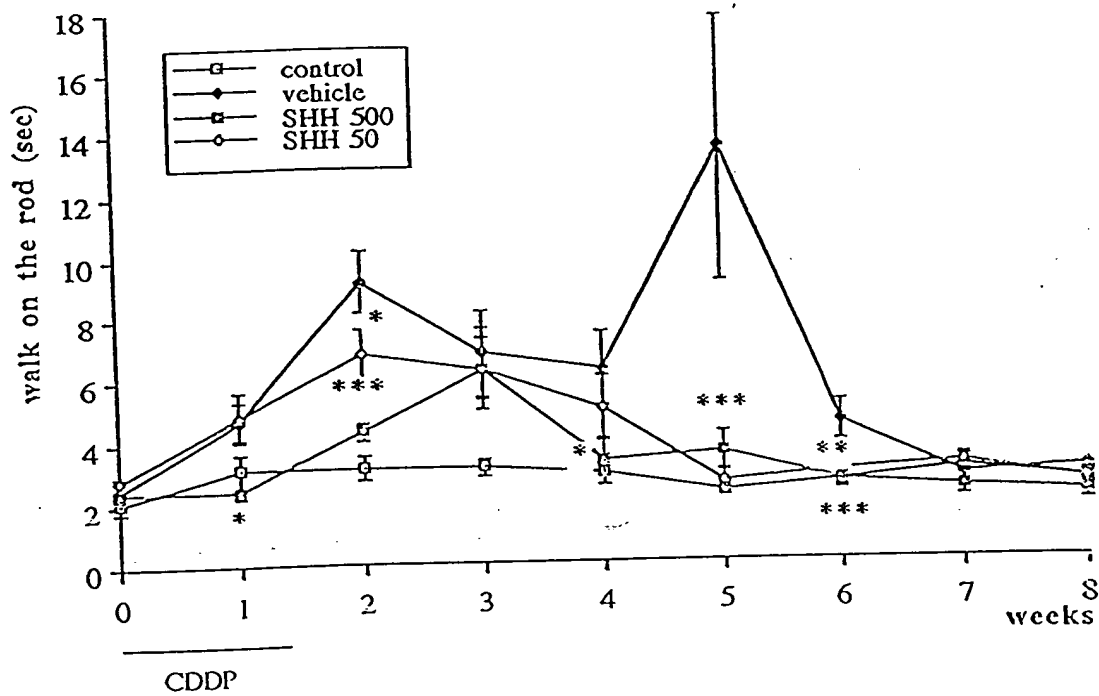


Figure 8



668011-EE25460

Figure 9



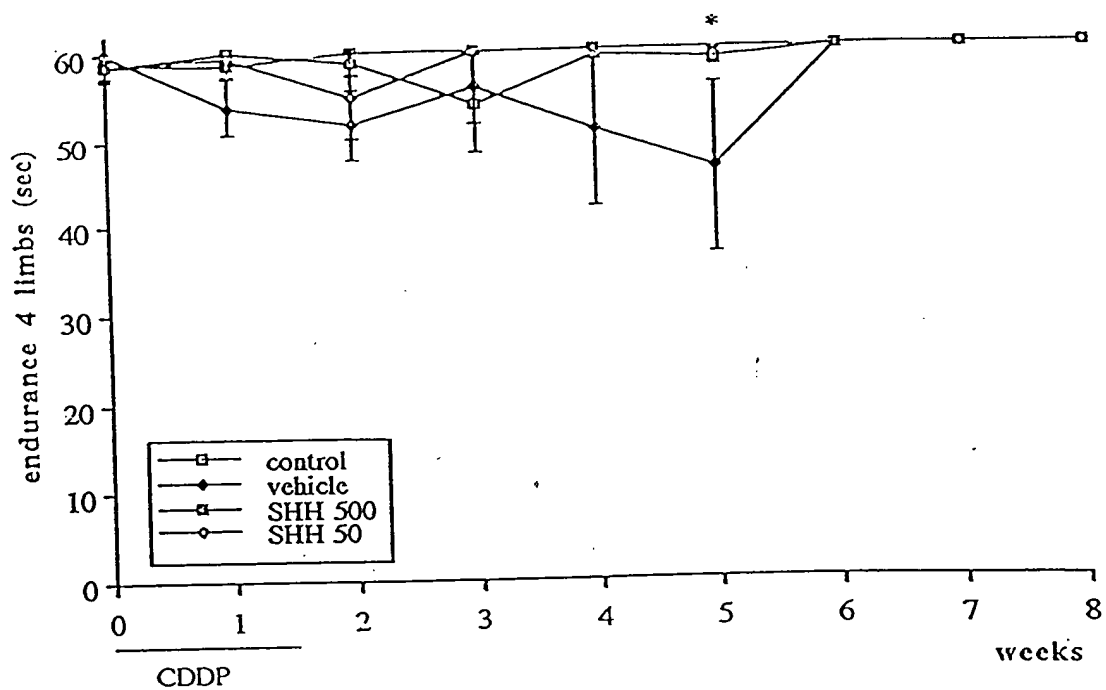
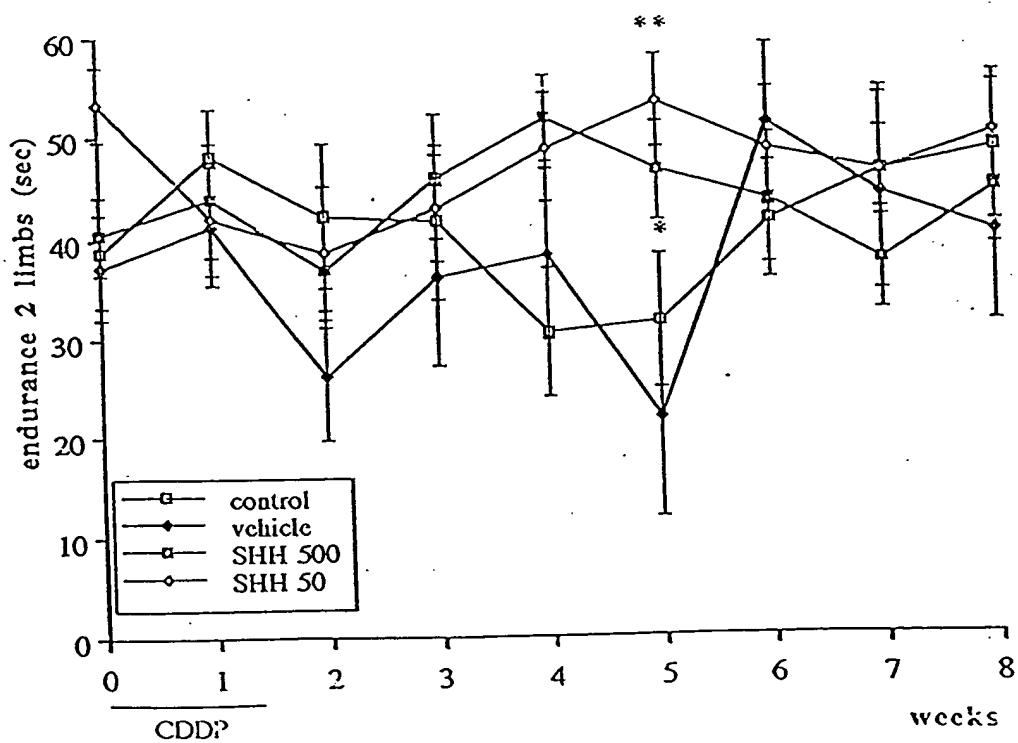


Figure 10A

Figure 10B



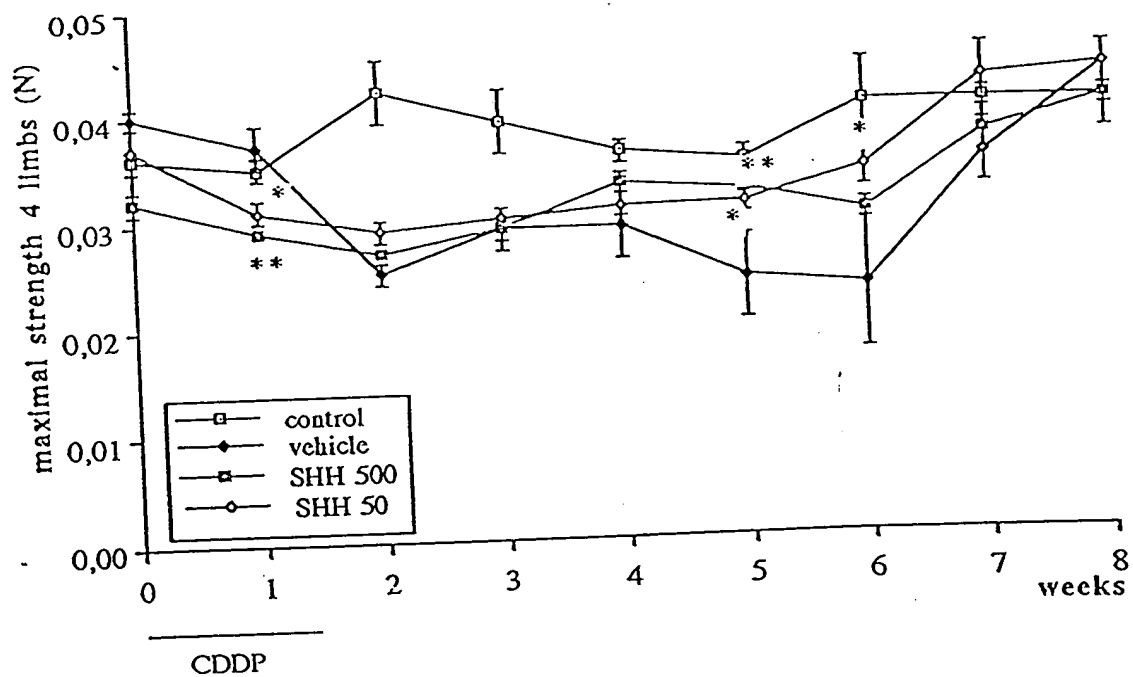


Figure 11A

Figure 11B

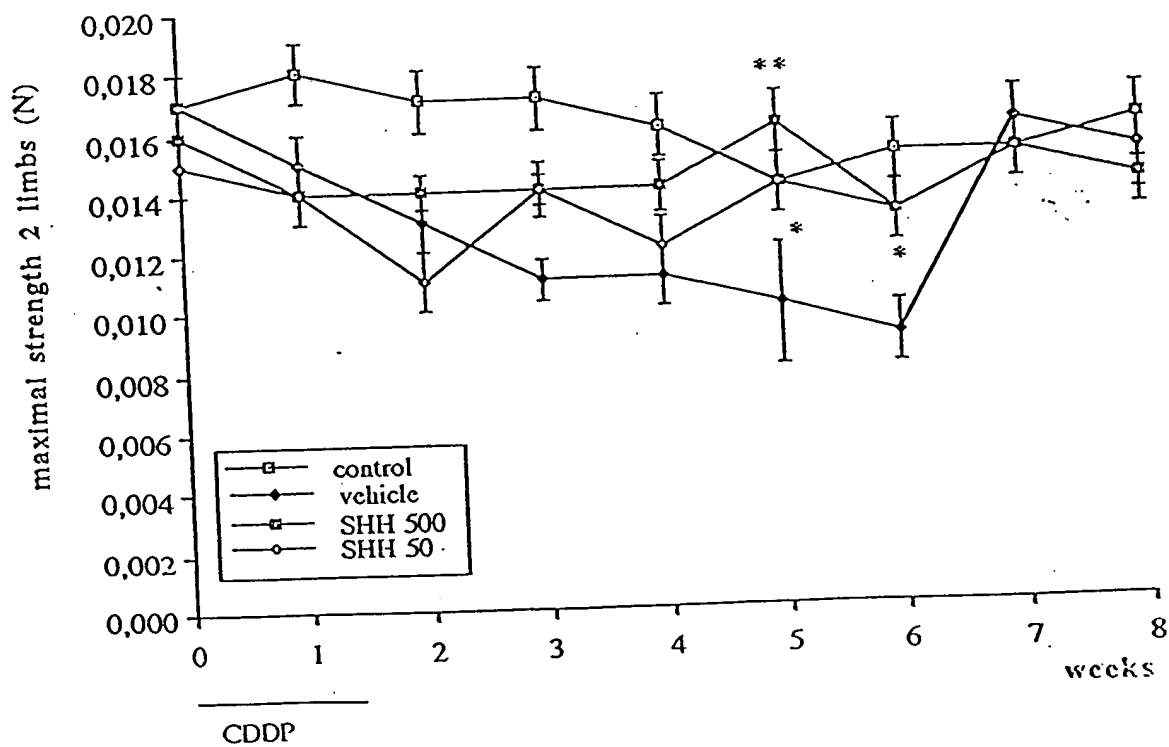


Figure 12

Functional Deficit in Peripheral
Nerve of Dhh $-/-$ Mice

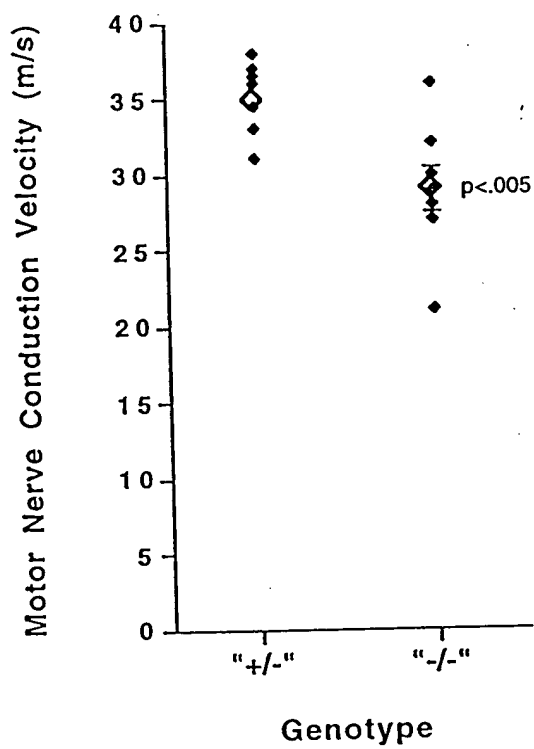


Figure 13A

Peripheral Nerve Morphology in the Normal Mouse

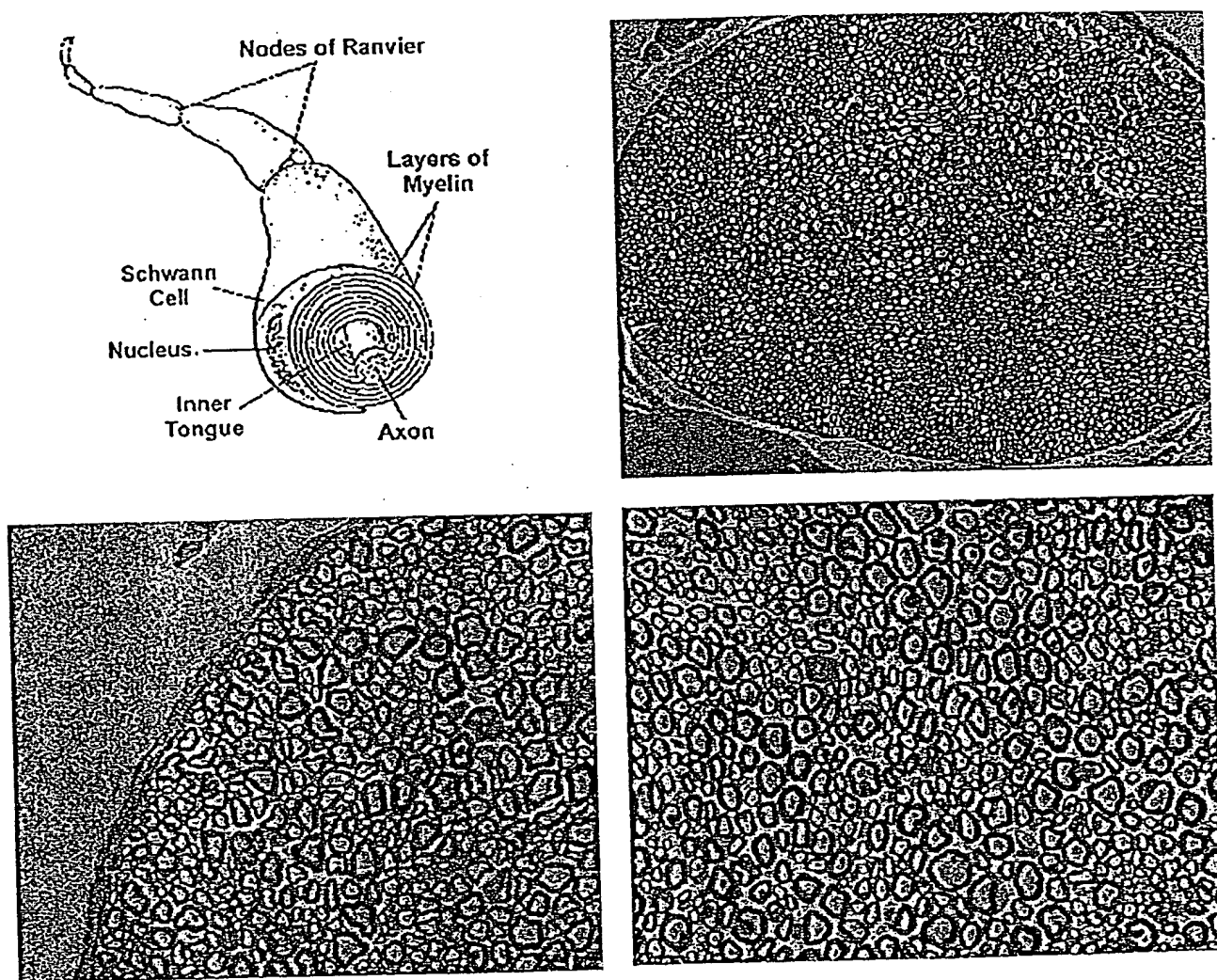


Figure 13B

Peripheral Nerve Morphology in the Dhh $-/-$ Mouse

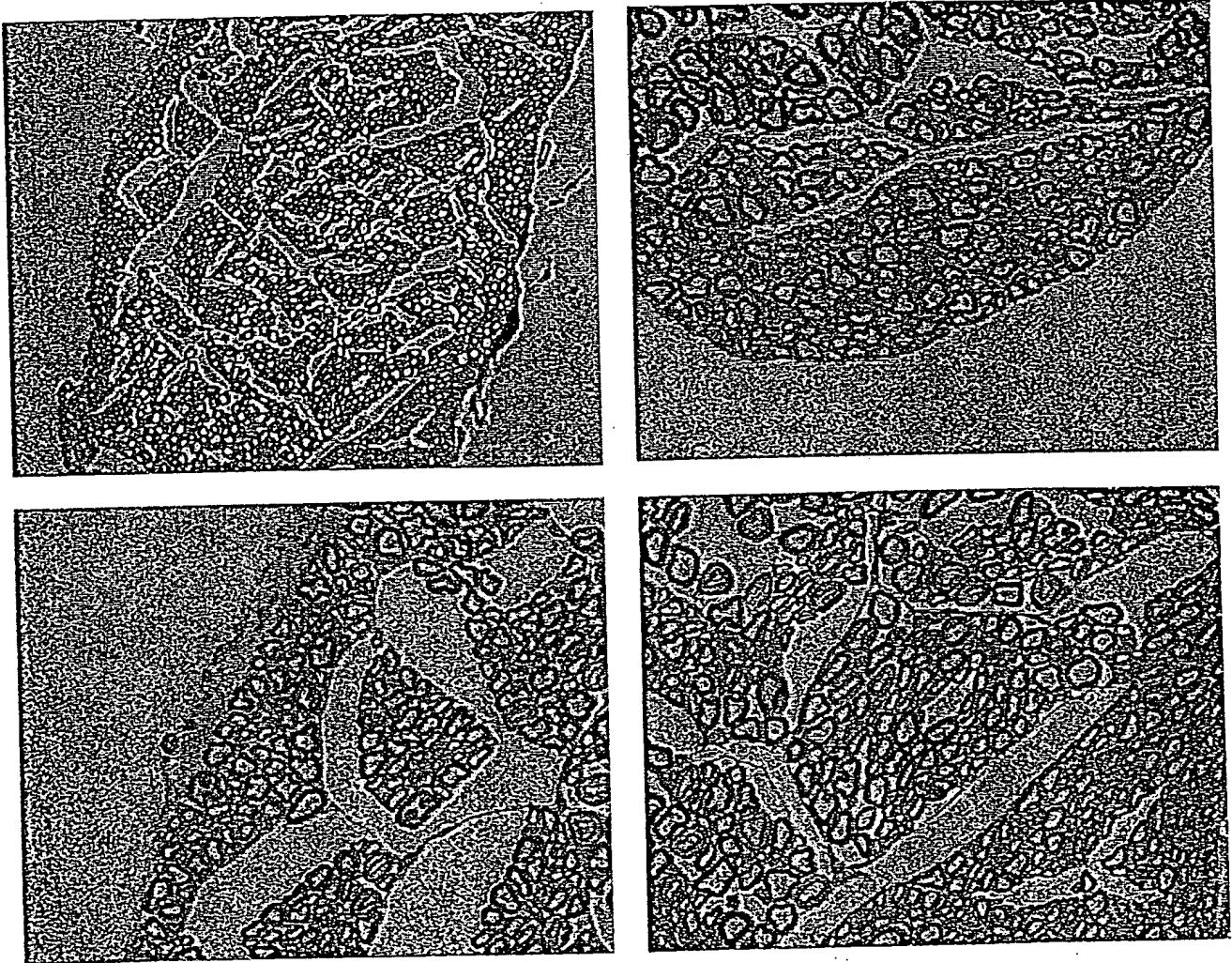
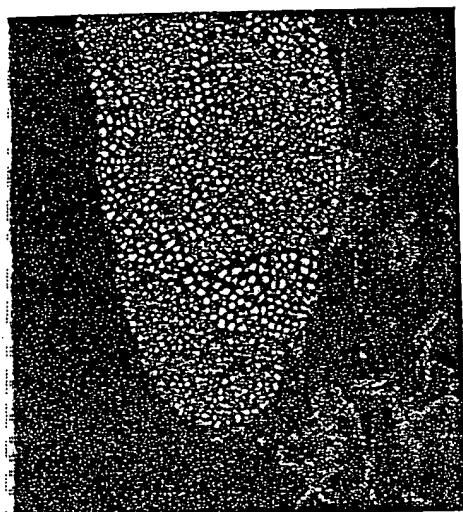
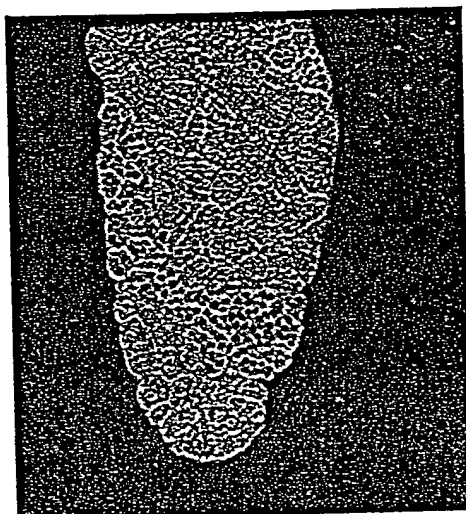


Figure 14A

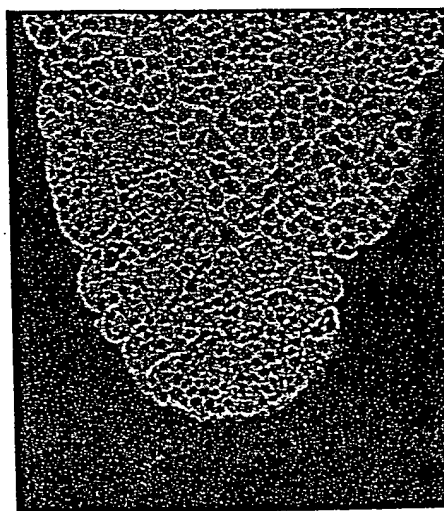
Immunocytochemistry of Dhh $-/-$ Mouse Nerve



Neurofilament
(axonal marker)



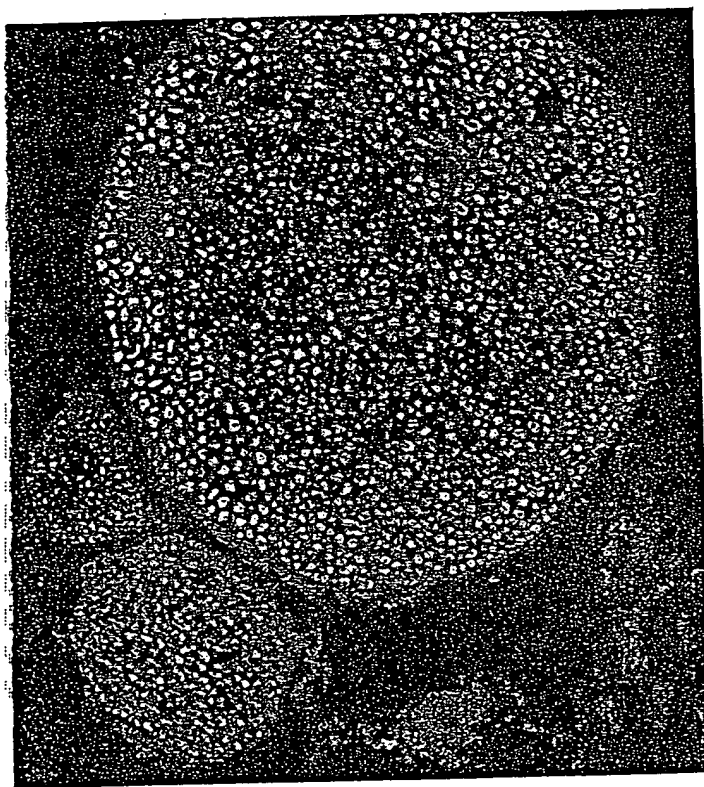
Laminin - low mag.
(ECM/connect. tiss. marker)



Laminin - high mag.

Figure 14B

Immunocytochemistry of Normal Mouse Nerve



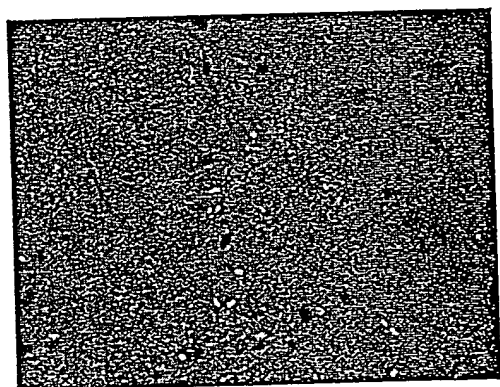
Neurofilament
(axonal marker)



Laminin
(ECM/connective tissue marker)

Figure 15

Hh Effects on Perineurial Cell Proliferation



- Dissociate P4 sciatic nerve
- Plate cells overnight
- Add Hh's and BrdU
- Fix 18-24 hours later
- Score cells

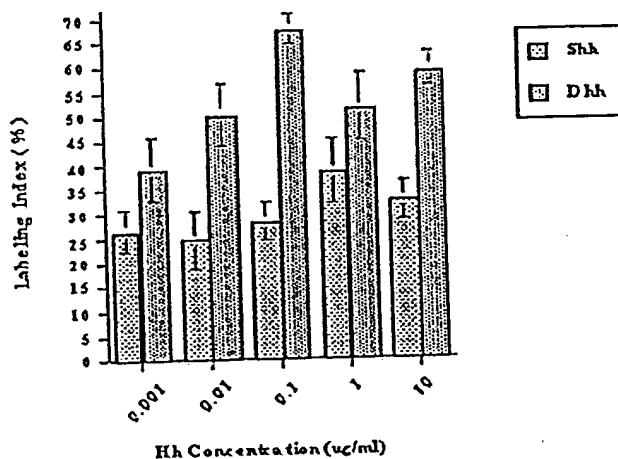


Figure 16

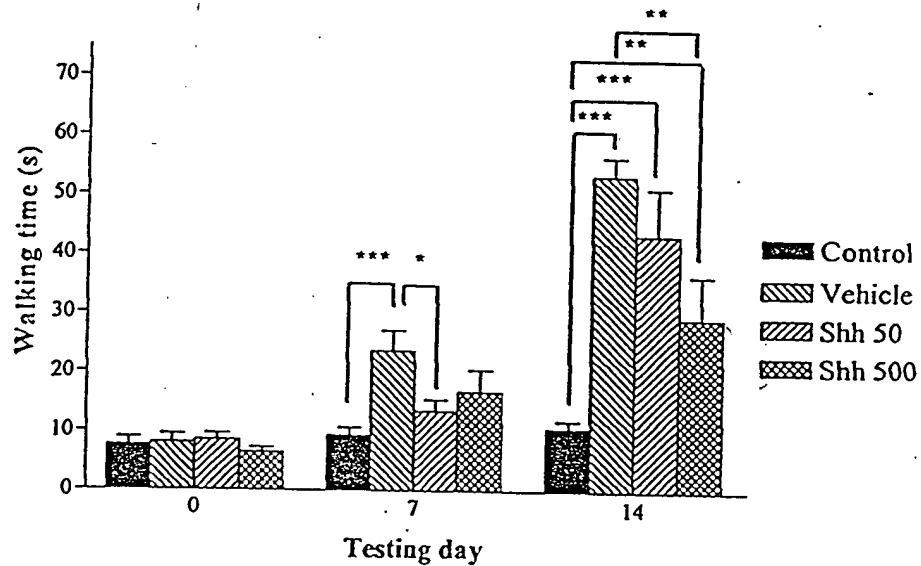
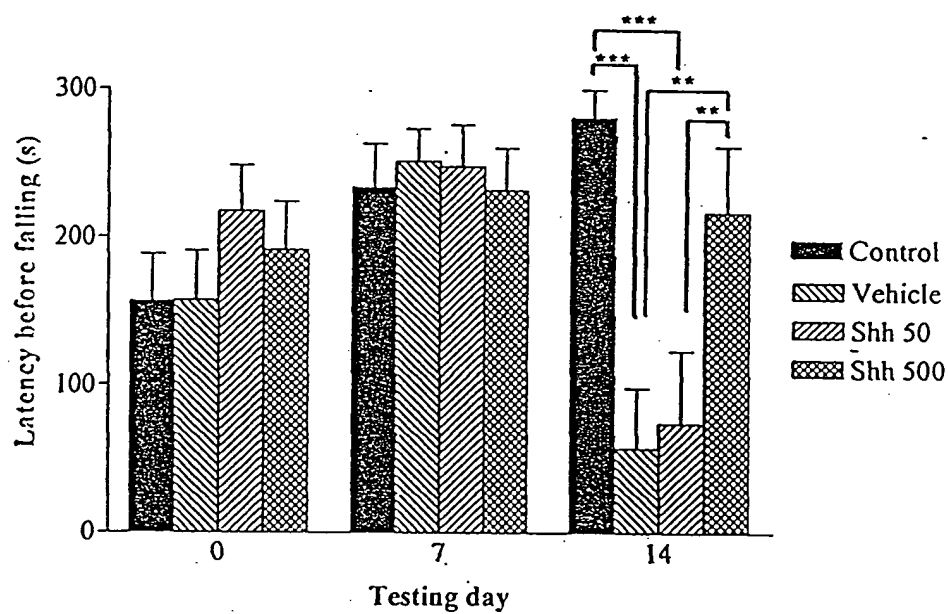


Figure 17



Mean \pm s.e.m. ** $p < 0.01$, *** $p < 0.001$.

Figure 18

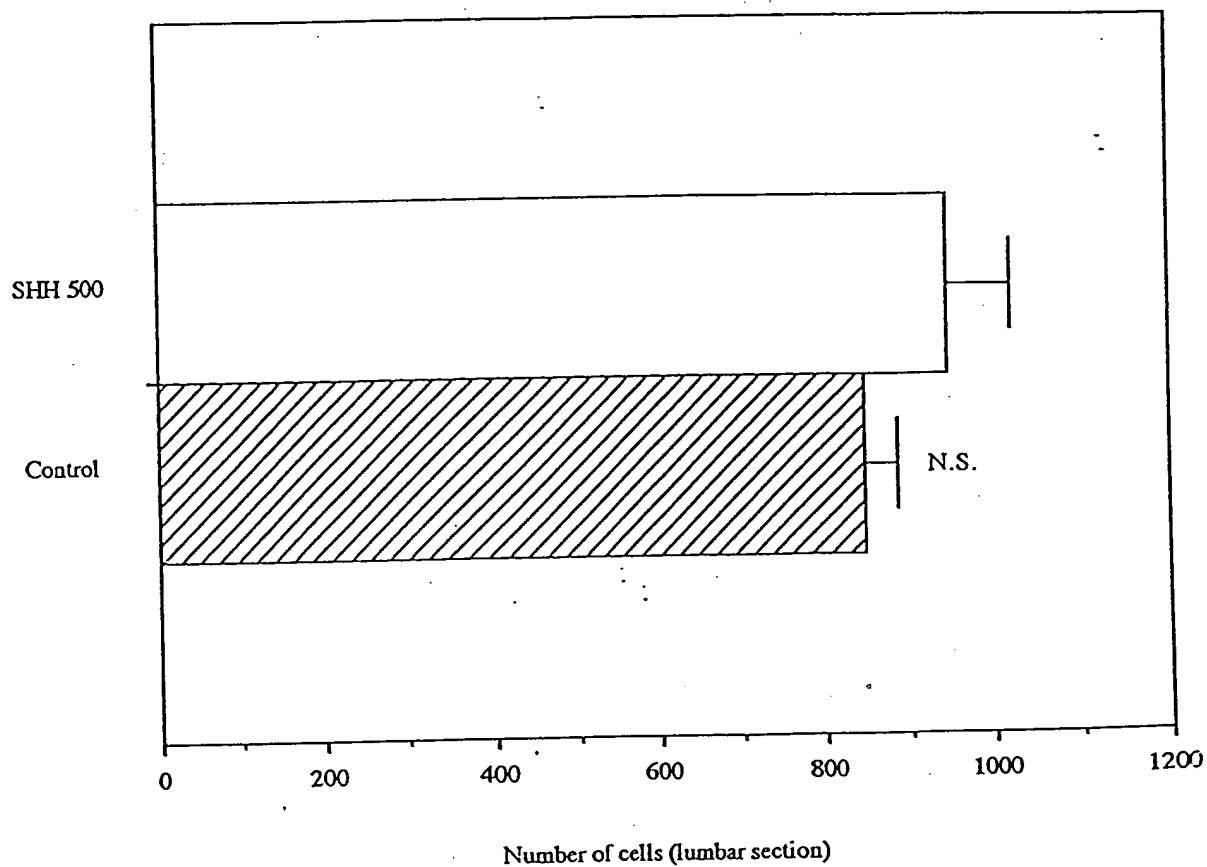


Figure 19

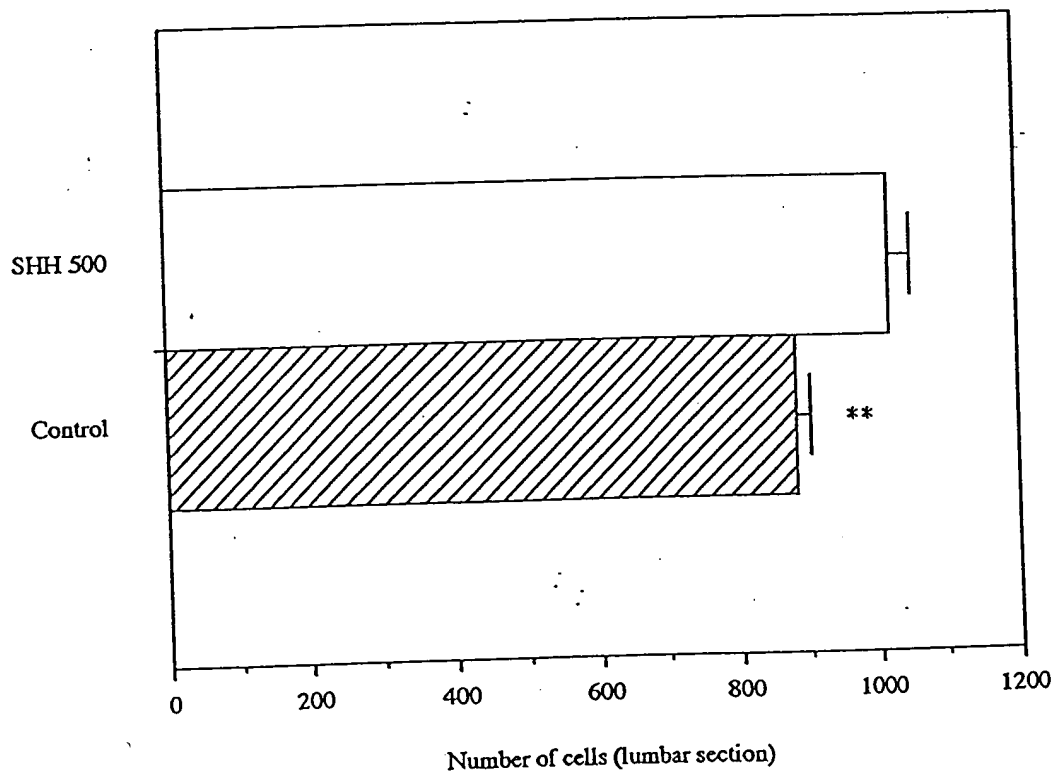


Figure 20

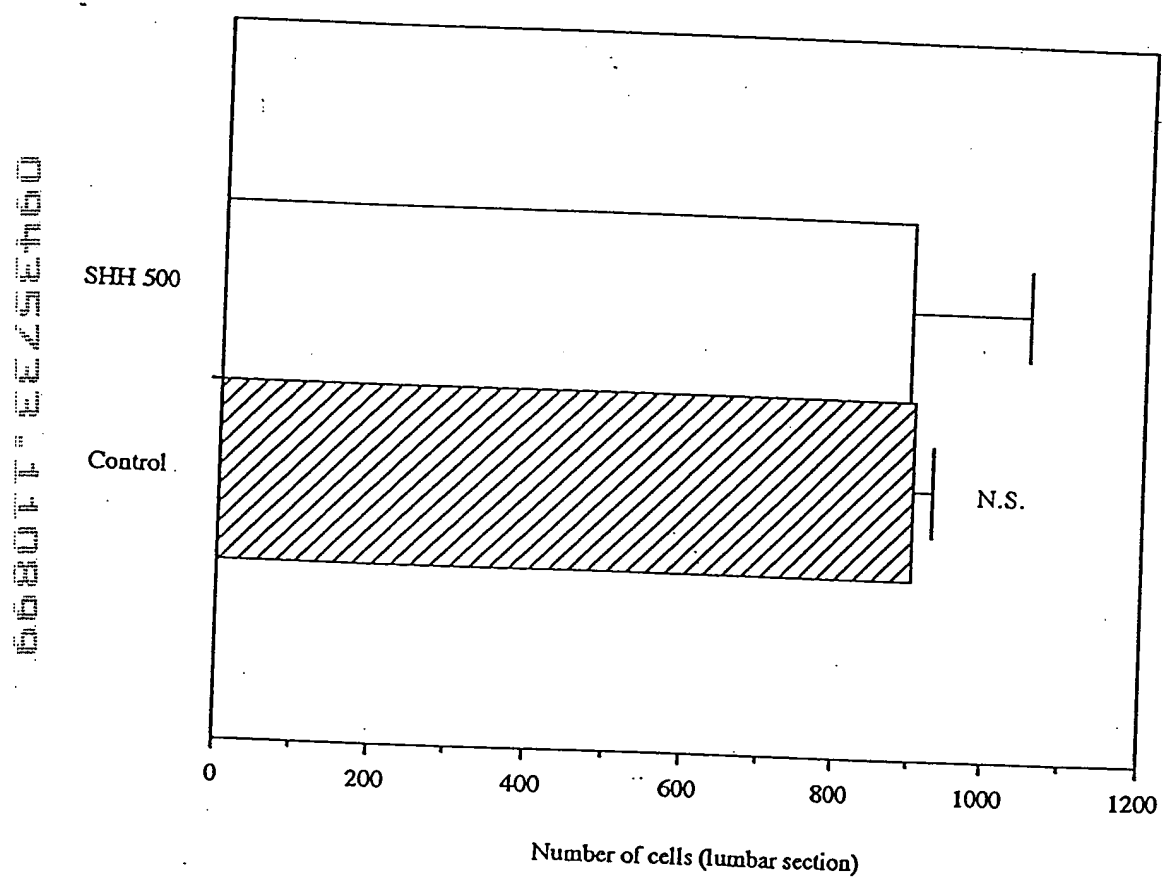


Figure 21

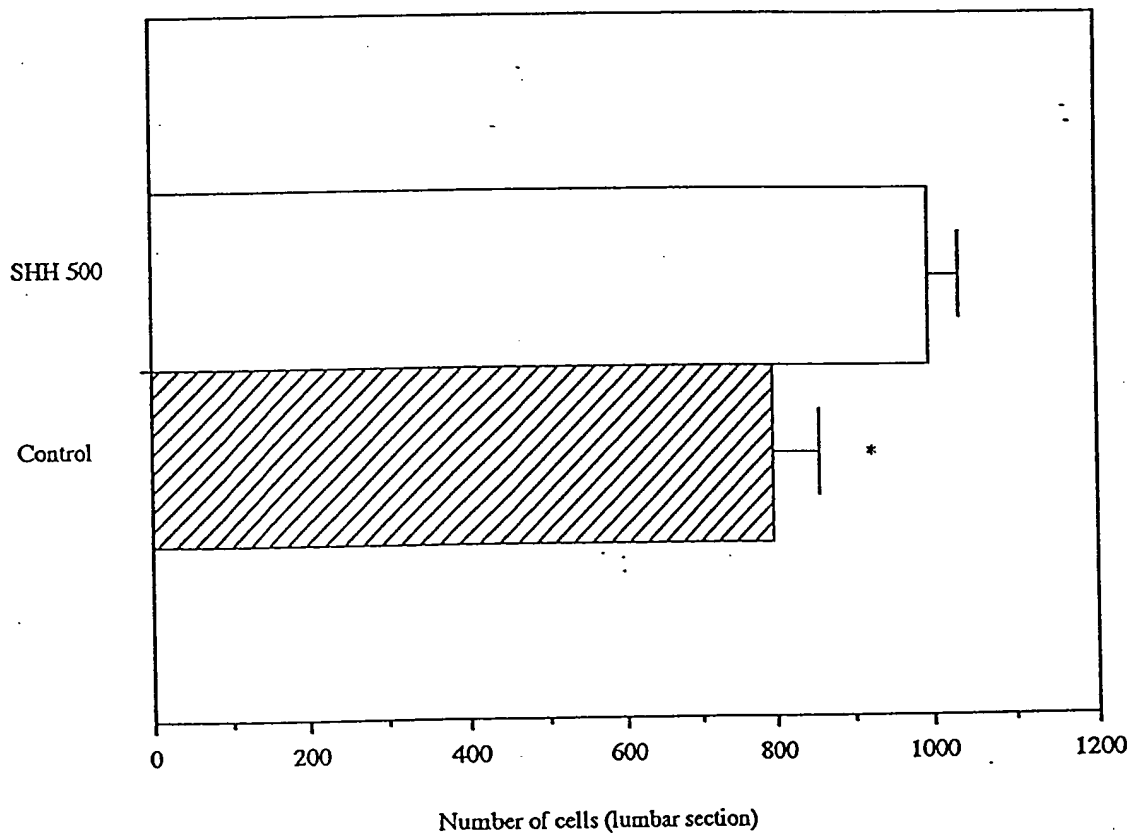


Figure 22

**Effect of Hedgehog proteins on
ability to grip following sciatic
nerve crush injury**

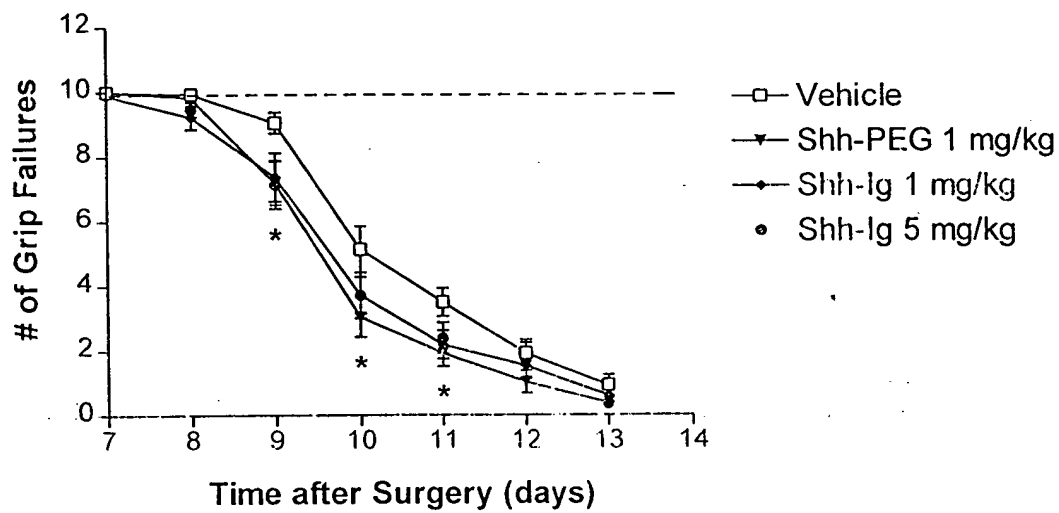


Figure 23

